


IMAGE FORMING DEVICE

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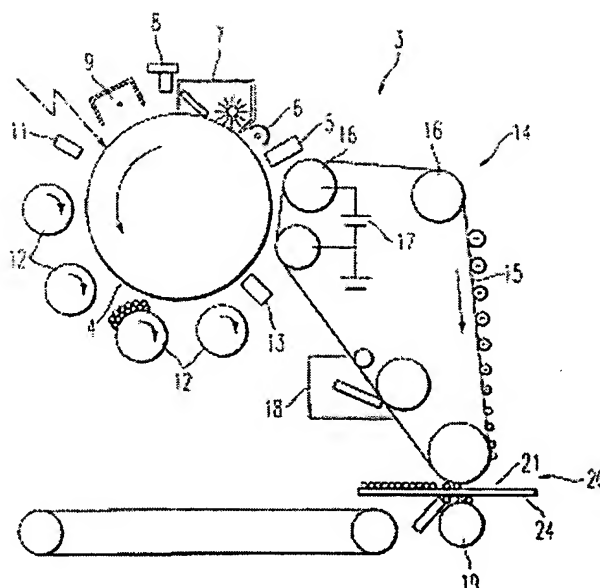
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 **US5926669 (A1)**

Abstract not available for JP10048968

Abstract of corresponding document: **US5926669**

An ordinary printing mode of forming an image and a transfer adjusting mode are provided and changed over. Under a condition of setting to the transfer adjusting mode, a pattern forming unit controls an exposing unit and thereby forms a toner image of a test pattern on a circumferential surface of a photosensitive body. A transfer controlling unit changes the transfer condition for electrostatically absorbing the toner image. An electric potential measuring unit measures a surface electric potential at a specified position. A condition detecting unit detects a condition of minimizing a rate " $\Delta V_s / \Delta T$ " of a variation ΔT of the transfer condition and a variation ΔV_s of the surface electric potential on the photosensitive body. A condition setting unit adjusts the transfer condition in the ordinary printing mode based on the above transfer condition, and thereby the transfer unit can be adjusted to an optimum state.



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Family list

3 family members for:

JP10048968

Derived from 2 applications.

1 IMAGE FORMING DEVICE

Publication info: **JP3568142B2 B2** - 2004-09-22

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2 Image forming apparatus and method of forming an image with enhanced transfer condition settings

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